Title (en)

CONTEXTUAL DRIVER MONITORING SYSTEM

Title (de)

KONTEXTTREIBERÜBERWACHUNGSSYSTEM

Title (fr)

SYSTÈME DE SURVEILLANCE CONTEXTUELLE DE CONDUCTEUR

Publication

EP 3837137 A4 20220713 (EN)

Application

EP 19827535 A 20190626

Priority

- US 201862690309 P 20180626
- US 201862757298 P 20181108
- US 201962834471 P 20190416
- US 2019039356 W 20190626

Abstract (en)

[origin: WO2020006154A2] Systems and methods are disclosed for contextual driver monitoring. In one implementation, one or more first inputs are received and processed to determine a state of a driver present within a vehicle. One or more second inputs are receiving and processed to determine navigation condition(s) associated with the vehicle, the navigation condition(s) including a temporal road condition received from a cloud resource or a behavior of the driver. Based on the navigation condition(s), a driver attentiveness threshold is computed. One or more actions are initiated in correlation with the state of the driver and the driver attentiveness threshold.

IPC 8 full level

B60Q 9/00 (2006.01); **G01C 21/36** (2006.01); **G06K 9/00** (2022.01)

CPC (source: EP US)

B60R 11/04 (2013.01 - US); **B60R 21/01552** (2014.10 - US); **B60W 40/06** (2013.01 - US); **B60W 40/08** (2013.01 - US); **B60W 40/09** (2013.01 - US); **B60W 50/16** (2013.01 - US); **G01C 21/3602** (2013.01 - EP); **G01C 21/3697** (2013.01 - EP); **G02B 27/0093** (2013.01 - EP); **G06F 3/011** (2013.01 - EP); **G06F 3/012** (2013.01 - EP); **G06F 3/013** (2013.01 - EP); **G06F 3/016** (2013.01 - EP); **G06F 3/017** (2013.01 - EP); **G06F 3/0346** (2013.01 - EP); **G06N 3/04** (2013.01 - US); **G06V 20/56** (2022.01 - US); **G06V 20/582** (2022.01 - US); **G06V 20/597** (2022.01 - US); B60W 2040/0827 (2013.01 - US); B60W 2040/0872 (2013.01 - US); B60W 2050/143 (2013.01 - US); B60W 2050/146 (2013.01 - US); B60W 2540/01 (2020.02 - US); B60W 2540/22 (2013.01 - US); B60W 2540/221 (2020.02 - US); B60W 2540/223 (2020.02 - US); B60W 2540/225 (2020.02 - US); B60W 2540/229 (2020.02 - US); B60W 2540/30 (2013.01 - US); B60W 2552/05 (2020.02 - US); B60W 2554/20 (2020.02 - US); B60W 2554/4048 (2020.02 - US); B60W 2554/801 (2020.02 - US); B60W 2554/802 (2020.02 - US); B60W 2555/20 (2020.02 - US); B60W 2555/60 (2020.02 - US); B60W 2556/10 (2020.02 - US); B60W 2556/45 (2020.02 - US); B60W 2754/20 (2020.02 - US); B60W 2754/30 (2020.02 - US); G06F 2203/011 (2013.01 - EP)

Citation (search report)

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- See references of WO 2020006154A2

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